

Bombardier completes world-first ERTMS tests in Sweden

- **Bombardier has become the first supplier to test the latest version ERTMS Level 2 for wayside**
- **Milestone also reflects readiness of Bombardier technology for Sweden's rail modernisation programme**

Berlin, September 19 – Bombardier Transportation has completed the world's first tests of the latest wayside software release of the European Rail Traffic Management System (ERTMS) Level 2 solution, known as Baseline 3 Release 2. The pilot operation of the *BOMBARDIER INTERFLO* 450 solution took place in August on Sweden's ERTMS test track as part of the preparations for the national rail upgrade, set to safely increase speeds, reliability, and capacity as well as integration with Europe.

The market-leading wayside tests were conducted, in close collaboration with Swedish Transport Administration Trafikverket, between August 20-23 with an ERTMS Baseline 3-equipped Bombardier Rc6 test vehicle. This significant milestone in the preparations for rail modernisation in Sweden follows the [official approval](#) of the *INTERFLO* 450 rail solution by Trafikverket and Swedish Transport Agency, Transportstyrelsen, in 2017. Sweden's 40-km Corridor B ERTMS test track, located in southern Sweden, is being used to test the system without disrupting existing rail services.

Project Director Anders Åkeson from Trafikverket stated, "This is a major step towards ERTMS roll-out in Sweden. The results of these tests with Bombardier show we are getting ready to progress from testing to implementation. Our real-life test environment demonstrates the reliability of the standard as well as interoperability between sub-systems. The ERTMS installed base demonstrates four to six times higher reliability than the conventional systems operational today"

"For Bombardier, these successful tests mark another major milestone towards building an ERTMS-enabled rail network in Sweden. This reflects our technical capabilities and commitment towards Trafikverket in delivering future-proof, high-technology mainline rail control solutions," added Anna Hojer Head of Nordic / Managing Director, Bombardier Transportation Sweden.

Initially created to enable European cross-border rail traffic, the globally-adopted digital ERTMS Level 2 standard provides accurate and continuous radio-based, automatic train protection. These world-first tests for the very latest software release for the wayside system, encompassing the most advanced functionalities, reflect the maturity of Bombardier's technology. ERTMS Level 2 can optimise higher-speed operation and supports network interoperability, while reducing maintenance costs. Bombardier commissioned the first ERTMS Level 2 worldwide and today its solutions are used in 26 countries.

Bombardier has supplied solutions to the Swedish railway system for over 100 years. Its local presence includes its regional business, project delivery and engineering hub for rail control, production centre for propulsion systems and network of service centres. As well as being the only supplier with approved ERTMS Level 2 technology, Bombardier has equipped over 130 vehicles with its *BOMBARDIER EBI* Cab onboard ready for the ERTMS upgrade and is a leading rail control supplier for regional and commuter lines.

About Bombardier Transportation

Bombardier Transportation is a global mobility solution provider leading the way with the rail industry's broadest portfolio. It covers the full spectrum of solutions, ranging from trains to sub-systems and signalling to complete turnkey transport systems, e-mobility technology and data-driven maintenance services. Combining technology and performance with empathy, Bombardier Transportation continuously breaks new ground in sustainable mobility by providing integrated solutions that create substantial benefits for operators, passengers and the environment. Headquartered in Berlin, Germany, Bombardier Transportation employs around 39,850 people and its products and services operate in over 60 countries.

About Bombardier

With over 69,500 employees across four business segments, Bombardier is a global leader in the transportation industry, creating innovative and game-changing planes and trains. Our products and services provide world-class transportation experiences that set new standards in passenger comfort, energy efficiency, reliability and safety.

Headquartered in Montreal, Canada, Bombardier has production and engineering sites in 28 countries across the segments of Transportation, Business Aircraft, Commercial Aircraft and Aerostructures and Engineering Services. Bombardier shares are traded on the Toronto Stock Exchange (BBD). In the fiscal year ended December 31, 2017, Bombardier posted revenues of \$16.2 billion US. News and information are available at bombardier.com or follow us on Twitter [@Bombardier](https://twitter.com/Bombardier).

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For Information

Annelie Andersson

Communications, RCS

+46 10 852 5744

annelie.andersson@rail.bombardier.com

Group Media Relations

+49 30 98607 1687

press@rail.bombardier.com

You can also contact one of our [worldwide contacts](#) for specific press inquiries.